



03500.018071

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Unassigned
Masaaki MATSUSHITA et al.	)	
	:	Group Art Unit: 1753
Application No.: 10/824,420	)	
	:	Confirmation No.: 6474
Filed: April 15, 2004	)	
	:	
For: SOLAR CELL MODULE WITH POWER	)	August 23, 2004
CONVERTERS	:	

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 form. Copies of the Japanese patent documents and Wuest et al. article are also enclosed.

Japanese patent document numbers 8-114013 and 2001-332752 are discussed at page 1 of the subject specification.

Japanese patent document numbers 6-22472 and 2002-111038 are discussed at pages 3 and 4 of the subject specification. U.S. Patent No. 6,657,118 is believed to be an English-language counterpart of Japanese patent document number 2002-111038.

The Wuest et al. article is discussed at page 5 of the subject specification.

The Examiner's attention is also directed to the following co-pending U.S. patent applications. Copies of these applications are also enclosed.

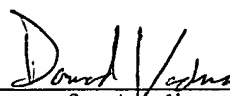
<u>U.S. Patent Application No.</u>	<u>Filing Date</u>	<u>Applicants</u>
09/244,163	February 4, 1999	Hidenori Shiotsuka et al.
10/822,716	April 13, 2004	Ichiro Kataoka et al.
10/801,704	March 17, 2004	Ichiro Kataoka et al.
10/731,476	December 10, 2003	Ichiro Kataoka et al.
10/819,198	April 7, 2004	Ichiro Kataoka et al.

Applicants request that the above information be considered by the Examiner and that a copy of the enclosed PTO-1449 form be initialed and returned indicating that such information has been considered.

This Information Disclosure Statement is being filed before the issuance of a first Office Action on the merits. Therefore, no fee under 37 C.F.R. 1.97(c)(2) is believed due. Nevertheless, the Commissioner may charge Deposit Account No. 06-1205, should any fee be due for filing this paper.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
 \_\_\_\_\_  
 Attorney for Applicants  
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FORM PTO 1449 (modified)				ATTY DOCKET NO. 03500.018071		APPLICATION NO. 10/824,420	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT Masaaki MATSUSHITA et al.			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				FILING DATE April 15, 2004		GROUP 1753	
August 23, 2004							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US-5,684,325	11/04/1997	Kataokoa et al.	257	433	
		US-6,307,145 B1	10/23/2001	Kataoka et al.	136	251	
		US-5,973,258	10/26/1999	Shiotsuka et al.	136	252	
		US-6,034,323	03/07/2000	Yamada et al.	136	259	
		US-6,133,522	10/17/2000	Kataoka et al.	136	259	
		US-6,245,987 B1	06/12/2001	Shiomi et al.	136	244	
		US-6,093,884	07/25/2000	Toyomura et al.	136	244	
		US-6,218,609 B1	04/17/2001	Mori et al.	136	259	
		US-6,162,986	12/19/2000	Shiotsuka et al.	136	244	
		US-6,291,761 B1	09/18/2001	Takada et al.	136	244	
		US-6,294,724 B1	09/25/2001	Sasaoka et al.	136	251	
		US-6,414,236 B1	07/02/2002	Kataoka et al.	136	251	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		2001-332752	11/30/2001	Japan			Abstract
		8-114013	05/07/1996	Japan			Abstract
		6-22472	01/28/1994	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Markus Wuest et al., "SINGLE CELL CONVERTER SYSTEM (SCCS)," First WCPEC, Dec. 5-9, 1994: Hawaii, IEEE. Pp. 813-815.					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US-6,613,973 B2	09/02/2003	Mukai et al.	136	255	
		US-6,515,216 B2	02/04/2003	Zenko et al.	136	244	
		US-6,653,549 B2	11/25/2003	Matsushita et al.	136	244	
		US-6,676,459 B2	01/13/2004	Mukai et al.	439	884	
		US-6,703,555 B2	03/09/2004	Takabayashi et al.	136	244	
		US-5,589,006	12/31/1996	Itoyama et al.	136	248	
		US-5,849,107	12/15/1998	Itoyama et al.	136	248	
		US-5,660,646	08/26/1997	Kataoka et al.	136	251	
		US-6,113,718	09/05/2000	Yamada et al.	156	78	
		US-5,578,141	11/26/1996	Mori et al.	136	251	
		US-5,718,772	02/17/1998	Mori et al.	136	251	
		US-6,320,115 B1	11/20/2001	Kataoka et al.	136	251	
		US-5,800,631	09/01/1998	Yamada et al.	136	251	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		2002-111038	04/12/2002	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
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		US-5,998,729	12/07/1999	Shiomi et al.	136	251	
		US-6,521,821 B2	02/18/2003	Makita et al.	136	244	
		US-6,265,242 B1	07/24/2001	Komori et al.	438	66	
		US-6,175,075 B1	01/16/2001	Shiotsuka et al.	136	251	
		US-6,307,144 B1	10/23/2001	Mimura et al.	136	244	
		US-6,331,671 B1	12/18/2001	Makita et al.	136	244	
		US-6,437,235 B1	08/20/2002	Komori et al.	136	251	
		US-6,693,237 B2	02/17/2004	Zenko et al.	136	251	
		US-6,664,597 B2	12/16/2003	Takeyama et al.	257	347	
		US-6,323,478 B1	11/27/2001	Fujisaki et al.	250	214 SG	
		US-6,534,702 B1	03/18/2003	Makita et al.	136	244	
		US-6,657,118	12/02/2003	Toyomura et al.	136	244	
		2003/0000566 A1	01/02/2003	Matsushita et al.	136	244	
		2002/0074034 A1	06/20/2002	Fujisaki et al.	136	246	
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